

AMENDMENT  
U.S. Appln. No. 09/851,991

ATTORNEY DOCKET NO. Q63864

*A13*  
As shown in Fig. 26, the cartridge memory 30 is mounted on the cartridge case in such a manner that the portion 30c of the cartridge memory 30 shown in Fig. 5A or 5B is fastened by the screw 96 to the cartridge case while the upper and lower halves 92 and 94 are fastened to each other by the same screw.

---

**REMARKS**

The above changes are made so that the brief description of drawings and the specification corresponds to the drawings. Entry and consideration of this Amendment is respectfully requested.

Respectfully submitted,



---

Darryl Mexic  
Registration No. 23,063

SUGHRUE, MION, ZINN,  
MACPEAK & SEAS, PLLC  
2100 Pennsylvania Avenue, N.W.  
Washington, D.C. 20037-3213  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860

Date: August 9, 2001

**APPENDIX**

**VERSION WITH MARKINGS TO SHOW CHANGES MADE**

**IN THE SPECIFICATION:**

The specification is changed as follows:

**Page 24, 5<sup>th</sup> first full paragraph:**

~~Fig. 5 is a schematic plan view of Figs. 5A and 5B are schematic plan views of respective embodiments of the noncontact-type memory placed in the magnetic tape cartridge shown in Fig. 4;~~

**Page 40, 3<sup>rd</sup>, first full paragraph:**

In the illustrated example of the cartridge memory 30, as shown in ~~Fig. 5~~Fig. 5A, an IC section 30a constituted by an IC memory in the form of an IC chip is formed on one end portion of a generally rectangular substrate, and a data communication (transmitting and receiving) antenna section 30b is formed on an outer end (peripheral) portion of the substrate so as to encompass the IC section 30a. Thus, the IC section 30a and the antenna section 30b are formed integrally with each other on one substrate. Preferably, the illustrated example of the cartridge memory 30 is a member in the form of a substantially rectangular plate and the IC section 30a placed in one end portion of the cartridge memory 30 while being encompassed by the antenna section 30b is embedded in a resin. The antenna section 30b placed on a peripheral portion surrounding the portion where the IC section 30a is provided may also be embedded in a resin. Most preferably, the entire cartridge memory 30 is encapsulated in a resin.

**Page 41, 1<sup>st</sup>, full paragraph:**

In the present invention, the construction and shape of the cartridge memory 30 are not limited to those described above, and the cartridge memory 30 may be of any of other various constructions and shapes. For example, as shown in Fig. 5B the IC section 30a and the antenna section 30b may be formed separately from each other. That is, the antenna section 30b may be formed separately from the substrate on which the IC section 30a is formed.

**Page 50, the 3<sup>rd</sup> first full paragraph:**

A recording medium cartridge in a second mode of implementation of the present invention will next be described with reference to Figs. 1 through 3, ~~Fig. 5~~ Figs. 5A and 5B, and Figs. 7 through 15B.

**Page 51, 3<sup>rd</sup> first full paragraph:**

In the magnetic tape cartridge (hereinafter referred to simply as "cartridge") 10 shown in Fig. 7, the above-described cartridge memory 30 (see ~~Fig. 5~~ Figs. 5A and 5B) is set by being fitted into the groove (thickness-reducing groove) 12h close to the rear side of the lower half 12. In this setting, the cartridge memory 30 may be fixed by using a well-known means such as an adhesive or adhesive tape (double-faced tape).

**Page 58, 5<sup>th</sup> first full paragraph:**

A recording medium cartridge in a third mode of implementation of the present invention will next be described with reference to Figs. 1 through 3, ~~Fig. 5~~ Figs. 5A and 5B, and Figs. 16 and 17.

**Page 59, 1<sup>st</sup> full paragraph**

The recording medium cartridge in the third mode of implementation of the present invention is arranged in such a manner that, in the magnetic tape cartridge shown in Figs. 1

through 3 or in a like cartridge, a noncontact-type memory (cartridge memory), such as the one shown in Fig. 5 Figs. 5A and 5B, for recording information on the contents of a recording on a magnetic tape and information on the cartridge is curved so as to conform to the circumferential configuration of one magnetic tape winding accommodated in the cartridge case when the diameter of the tape winding is maximized, and the curved cartridge memory is mounted in the cartridge case so as to form, by its curved shape, an inner wall portion defining a reel area in the cartridge case.

**Page 59, 3<sup>rd</sup> first full paragraph:**

Referring to Fig. 16, in the first embodiment, a cartridge memory 30 (see Fig. 5 Figs. 5A and 5B) curved so as to conform to the circumferential (outermost) configuration of one magnetic tape winding accommodated in the cartridge case when the diameter of the tape winding is maximized is placed on one circumference along with a side wall recess 12k and a wall portion (hereinafter referred to as "reel area rib") 12e formed so as to have a ridged shape, thereby forming reel area inner wall surfaces.

**Page 63, 2<sup>nd</sup> first full paragraph:**

A recording medium cartridge in a fourth mode of implementation of the present invention will be described with reference to Figs. 1 through 3, Fig. 5 Figs. 5A and 5B, and Figs. 18 through 21.

**Page 64, 1<sup>st</sup> full paragraph:**

Fig. 18 shows a state in which the above-described cartridge memory 30 (see Fig. 5 Figs. 5A and 5B) is mounted in a magnetic tape cartridge 50 of the above-described construction, which represents a first embodiment in this mode of implementation. In this embodiment, the

cartridge memory 30 is mounted on the inner surface of a lid 56 for closing an opening formed in a side wall portion of the cartridge case of the cartridge 50 constituted by an upper half 52 and a lower half 54. In mounting the cartridge memory 30, the cartridge memory 30 is fixed by, for example, a screw passed through its portion inside the data communication antenna section 30b (see ~~Fig. 5~~ Figs. 5A and 5B) of the cartridge memory 30.

**Page 71, 2<sup>nd</sup> first full paragraph:**

A recording medium cartridge in a fifth mode of implementation of the present invention will next be described with reference to Figs. 1 through 3, ~~Fig. 5~~ Figs. 5A and 5B, and Figs. 22 through 26.

**Page 74, first full paragraph:**

Fig. 23 is a bottom view of the cartridge 10 shown in Fig. 22. In this embodiment, as shown in Fig. 23, a recess 74 is formed in a place 72 in the vicinity of the portion around the positioning pin insertion hole 70 of one of the pair of extensions 12c at the front left and right ends of the lower half 12 which serves as the reference surface, and the cartridge memory 30 is mounted in this recess 74. As shown in ~~Fig. 5~~ Fig. 5A, the cartridge memory 30 is constituted by a member in the form of a rectangular plate. An antenna section 30b is provided along the circumference of the rectangular member, and an IC chip 30a is placed inside the rectangular member. All the components of the cartridge memory 30 are encapsulated in a resin. As described above, the antenna section 30b is a coil antenna which supplies the IC section 30a with a current induced by electromagnetic induction from a magnetic field produced by an antenna of a deck-side data reader/writer (not shown) for reading data from or writing data to the cartridge memory 30. The portion 30c of the cartridge memory 30 has no particular function.

**Page 78, 2<sup>nd</sup> first full paragraph:**

In this embodiment, as shown in Fig. 26, a recess 94a is formed in an outer surface portion of the lower half 94 in the vicinity of a screw hole through which one of the screws for fastening the cartridge case is passed, and the cartridge memory 30 is mounted in the recess 94a. As shown in Fig. 26, the cartridge memory 30 is mounted on the cartridge case in such a manner that the portion 30c of the cartridge memory 30 shown in ~~Fig. 5~~ Fig. 5A or 5B is fastened by the screw 96 to the cartridge case while the upper and lower halves 92 and 94 are fastened to each other by the same screw.